

What is Claimed is:

1. A stent comprising:

a generally tubular device with a diameter and a length having a pattern of interconnected struts, said struts being cut from said tubular device, and said struts having a cross-sectional width and thickness; and  
said strut thickness being variable along the length of said stent.

2. A stent comprising:

a balloon expandable mechanism formed from a series of interconnected struts, said struts having a cross-sectional width and thickness; and  
said strut thickness being variable along the length of said strut.

3. A stent comprising:

a generally tubular device having a diameter and a length and a pattern of interconnected cells formed from a series of struts, said struts being cut into said tubular device and  
said struts having a cross-sectional width and thickness; and  
said strut thickness being variable along the length of said stent.